

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

IN RE APPLICATION OF: Masao MIYAMURA

SERIAL NO: New Application

GAU:

FILED: Herewith

EXAMINER:

FOR: SPUTTERING APPARATUS. A MIXED FILM PRODUCED BY THE SPUTTERING APPARATUS AND A MULTILAYER FILM INCLUDING THE MIXED FILM

**INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR 1.97**

COMMISSIONER FOR PATENTS  
ALEXANDRIA, VIRGINIA 22313

SIR:

Applicant(s) wish to disclose the following information.

**REFERENCES**

- ☒ The applicant(s) wish to make of record the references listed on the attached form PTO-1449. Copies of the listed references are attached, where required, as are either statements of relevancy or any readily available English translations of pertinent portions of any non-English language references.
- ☐ A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

**RELATED CASES**

- ☐ Attached is a list of applicant's pending application(s) or issued patent(s) which may be related to the present application. A copy of the patent(s), together with a copy of the claims and drawings of the pending application(s) is attached along with PTO 1449.
- ☐ A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

**CERTIFICATION**

- ☐ Each item of information contained in this information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement.
- ☐ No item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the undersigned, having made reasonable inquiry, was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this statement.

**DEPOSIT ACCOUNT**

- ☒ Please charge any additional fees for the papers being filed herewith and for which no check or credit card payment is enclosed herewith, or credit any overpayment to deposit account number 15-0030. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

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DOCKET NO: 248212US2

Sheet   1   of   1  

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FOR: SPUTTERING APPARATUS, A MIXED FILM PRODUCED BY THE SPUTTERING  
APPARATUS AND A MULTILAYER FILM INCLUDING THE MIXED FILM

**STATEMENT OF RELEVANCY**

**References AO (JP 8-511830), AP (JP 11-256327), AS (JP 4-325680),  
AT (JP 3-229870), and AW on Form PTO- 1449:**

These references are discussed in the specification.

Form PTO 1449 (Modified)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY DOCKET NO. 248212US2		SERIAL NO. New Application	
LIST OF REFERENCES CITED BY APPLICANT				APPLICANT Masao MIYAMURA			
				FILING DATE Herewith		GROUP	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	AA	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	AA	5,169,509	12/08/92	Rudolf LATZ, et al.			
	AB	5,082,546	01/21/92	Joachim SZCZYRBOWSKI, et al.			
	AC	6,103,320	08/15/00	Shigeharu MATSUMOTO, et al.			
	AD	4,851,095	07/25/89	Michael A. SCOBAY, et al.			
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						
	AL						
	AM						
	AN						
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION YES NO		
	AO	8-511830	12/10/96	Japan			x
	AP	11-256327	09/21/99	Japan			x
	AQ	2-269514	11/02/90	Japan (with English Abstract, Corresponding U.S. Patent 5,082,546)			x
	AR	11-279758	10/12/99	Japan (with English Abstract, Corresponding U.S. Patent 6,103,320)			x
	AS	4-325680	11/16/92	Japan (with English Abstract, Corresponding U.S. Patent 5,169,509)			x
	AT	3-229870	10/11/91	Japan (with English Abstract, Corresponding U.S. Patent 4,851,095)			x
	AU						
	AV						
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)							
	AW	R. LAIRD, et al., "Cospattered Films of Mixed TiO <sub>2</sub> /SiO <sub>2</sub> ", J. VAC. SCI. TECHNOL., Vol. A10, No. 4, July/August 1992, p. 1908-1912					
	AX						
	AY						
	AZ					<input type="checkbox"/> Additional References sheet(s) attached	
Examiner					Date Considered		
*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							